with a leſſer Globe included, in order to make that inner Globe capable of being inhabited, there might not improbably be contained ſome luminous *Medium* between the Balls, ſo as to make a perpetual Day below. That very great Tracts of the Etherial Space are occupied by ſuch a ſhining *Medium* is evident from the Inſtances given in the firſt Paper of this *Tranſaction*: And if ſuch a *Medium* ſhould be thus incloſed within us; what ſhould hinder but we may be allowed to ſuppoſe that ſome parts of this lucid Subſtance may, on very rare and extraordinary Occaſions, tranſude through and penetrate the *Cortex* of our *Earth*, and being got looſe may afford the Matter whereof this our *Meteor* conſiſts. This ſeems favoured by one conſiderable Circumſtance, *viz.* that the *Earth*, becauſe of its diurnal Rotation, being neceſſarily of the Figure of a Flat *Spheroid*, the thickneſs of the *Cortex*, in the *Polar* Parts of the Globe, is conſiderably leſs than towards the *Equator*; and therefore more likely to give Paſſage to theſe Vapours; whence a reaſon may be given why theſe Lights are always ſeen in the North. But I deſire to lay no more ſtreſs upon this Conceit than it will bear.

It having been noted that in the Years 1575 and 1580, wherein this Appearance was frequent, that it was ſeen not far from the Times of the two Equinoxes; it may be worth while for the Curious, to beſtow ſome Attention on the Heavens in the Months of *September* and *October* next; and in caſe it ſhould again happen, to endeavour to obſerve, by the Method I have here laid down, what may determine, with ſome degree of Exactneſs, the Diſtance and Height thereof; without which we can ſcarce come to any juſt Concluſion.

F I N I S.

Errata. No. 346. *p.* 383. *l.* 18. read 234. *p.* 408. *l.* 20. read, *proceed, as at firſt.*